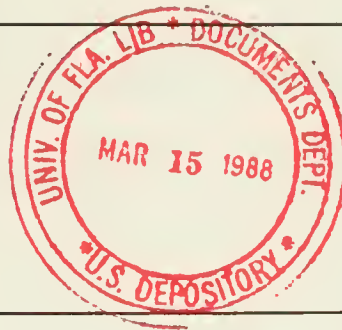




U.S. Department of Commerce
BUREAU OF THE CENSUS
INTERNATIONAL TRADE ADMINISTRATION



Copper Controlled Materials

FOURTH QUARTER 1987

ITA9008(87)-4
Issued March 1988

The statistics in this publication are based on a survey of all known producers of brass mill products, and a 95-percent sample of producers of wire mill products. The figures represent total U.S. shipments of copper-base and foundry products.

A description of the survey methodology and related information may be found in the first quarter publication, ITA9008(87)-1, issued June 1987.

Table 1. SUMMARY OF SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1987 AND 1986

(Millions of pounds--metal weight)

Quarter and year	Brass mill products			Copper wire mill products ¹			Brass and bronze foundry products ³
	Total	Alloyed	Unalloyed	Bare wire ²	Insulated communication wire	Other insulated wire	
1987							
Total.....	5,096	1,575	1,047	161	282	1,503	528
Fourth quarter.....	1,242	353	262	61	42	389	135
Third quarter.....	1,227	351	247	28	82	388	131
Second quarter.....	1,255	369	268	38	80	365	135
First quarter.....	1,372	502	270	34	78	361	127
1986							
Total.....	4,578	1,359	949	136	345	1,311	478
Fourth quarter.....	1,129	315	244	38	88	319	125
Third quarter.....	1,143	316	262	32	93	328	112
Second quarter.....	1,136	361	220	35	72	323	125
First quarter.....	1,170	367	223	31	92	341	116

Note: Detail may not add to totals due to independent rounding.

¹Represents copper content weight, rather than metal weight.

²Represents uninsulated, bare, tinned, and/or alloy coated wire.

³Source: Bureau of the Census, Current Industrial Report Series, M33E, Nonferrous Castings.

Table 2. SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS

(Millions of pounds--metal weight)

Product description	Fourth quarter 1987	Third quarter 1987
Total shipments.....	1,242	1,227
Copper-base mill products.....	615	598
Copper-base alloy:		
Sheet and strip ¹	145	143
Rod, bar, and wire.....	192	184
Tube and pipe.....	16	24
Unalloyed copper:		
Sheet and strip.....	53	50
Rod, bar, and wire ²	19	19
Tube and pipe.....	190	178
Copper wire mill products ³	492	498
Bare wire ⁴	61	28
Insulated communication wire.....	42	82
Other insulated wire.....	389	388
Brass and bronze foundry products ⁵	135	131

Note: Detail may not add to totals due to independent rounding.

¹ Military ammunition cups and discs are included on a net-weight basis, i.e., excluding the weight of the webbing scrap generated in the cupping and discing.

² Does not include electrical wire.

³ Reported in copper content weight rather than metal weight.

⁴ Represents uninsulated, bare, tinned, and/or alloy coated wire.

⁵ Source: Bureau of the Census, Current Industrial Report Series, M33E, Nonferrous Castings.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1987

(Quantity in millions of pounds)

Product description ¹	Manufacturers' shipments	Exports of domestic merchandise ^{1 2}	Percent exports to manufacturers' shipments	Imports for consumption ^{1 3}	Apparent consumption ⁴	Percent imports to apparent consumption
FOURTH QUARTER 1987						
Copper-base mill products ⁵	676	35	5	125	766	16
Brass mill products:						
Copper-base alloy:						
Sheet and strip.....	145	5	3	30	170	18
Rod, bar, and wire.....	192	4	2	20	208	10
Tube and pipe.....	16	3	19	16	29	55
Unalloyed copper:						
Sheet and strip.....	53	(Z)	13	17	80	21
Rod, bar, and wire.....	19	9		29	215	13
Tube and pipe.....	190	4				
Copper wire mill products, bare wire.....	61	10	16	13	64	20
THIRD QUARTER 1987						
Copper-base mill products ⁵	626	28	4	111	709	16
Brass mill products:						
Copper-base alloy:						
Sheet and strip.....	143	4	3	28	167	17
Rod, bar, and wire.....	184	3	2	18	199	9
Tube and pipe.....	24	3	13	15	36	42
Unalloyed copper:						
Sheet and strip.....	50	(Z)	9	16	79	20
Rod, bar, and wire.....	19	6		23	197	12
Tube and pipe.....	178	4				
Copper wire mill products, bare wire.....	28	8	29	11	31	35

(Z) Less than 500 thousand pounds.

¹For comparison of domestic manufacturers' shipments, export numbers, and import numbers for copper-base mill and foundry products, see table 4 in the first quarter 1987 report, ITA9008(87)-1, issued June 1987.

²Source: Bureau of the Census report EM 546, U.S. Exports.

³Source: Bureau of the Census report IM 146, U.S. Imports for Consumption.

⁴Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

⁵This total does not include either insulated wire and cable or brass and bronze foundry products.

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